

Annex VI

Glossary

In this Annex some specific vocabulary used in the writing of the report is defined.

Baht:

Legal tender in Thailand. The exchange rate with Euro and with Danish Crowns is as follows:

1 Euro = 42.5 baht

1 DKK = 5.7 baht

BMA:

Bangkok Metropolitan Area, constituted by the Bangkok Metropolis and Nonthaburi and Samut Prakan Provinces.

BOD:

Biochemical Oxygen Demand. The amount of oxygen used for biochemical oxidation by a unit volume of water at a given temperature and for a given time. BOD is an index of the degree of organic pollution in water.

BOO (Build–Own–Operate):

A private developer builds a new facility at its own risk, owns and operates the facility at its own risk. The government usually provides revenue guarantees through long-term take-or-pay contracts for bulk supply facilities or minimum traffic revenue guarantees.

BOOT (Build–Own–Operate–Transfer):

A private developer builds a new facility at its own risk, owns and operates the facility at its own risk, and then transfers ownership of the facility to the government at the end of the concession period. The government usually provides revenue guarantees through long-term take-or-pay contracts for bulk supply facilities or minimum traffic revenue guarantees.

EPA (U.S. Environmental Protection Agency):

The U.S. Environmental Protection Agency (EPA) is responsible for implementing federal laws designed to protect air, water, and land. While this is done primarily through regulation, the EPA has also developed a wide variety of funding, planning, and education programs.

GIS:

A geographic information system (GIS) is a combination of hardware (PC, Mac, or workstation) and GIS software used to manipulate, store, retrieve, view, and analyse spatial data. All features in a spatial database are comprised of graphic elements (points, lines, or polygons) linked to a table that uniquely identifies each feature and its location in a coordinate system. Data can be mapped and analysed, and linked to attribute data in one-to-one or many-to-one relationships.

MWA:

Metropolitan Waterworks Authority. Responsible authority for water supply in BMA (Bangkok Metropolis and Nonthaburi and Samut Prakan Provinces).

PWA:

Provincial Waterworks Authority. Responsible authority for water supply in Thailand except BMA that is responsibility of MWA.

SCADA:

SCADA (Supervisory Control and Data Acquisition) is a software program that gathers real time information for process control of equipment. SCADA can be used in industries such as telecommunications, oil and gas refining, water and waste control and transportation. The SCADA system gathers information, for example, about the location of a leak as well as determining how critical it is. The system will also organize and process the information, displaying it for users.

VAT (Value Added Tax):

A consumption tax which is levied at each stage of production based on the value added to the product at that stage.

WHO:

World Health Organization.